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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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10/540,675

06/24/2005

Josephus A. H. M. Kahlman

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05/02/2008

PHILIPS INTELLECTUAL PROPERTY & STANDARDS

P.O. BOX 3001

BRIARCLIFF MANOR, NY 10510

EXAMINER

YOUNG, BRIAN K

ART UNIT

PAPER NUMBER

2819

MAIL DATE

DELIVERY MODE

05/02/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

| | | | |
|------------------------------|--------------------------------------|---|--|
| Office Action Summary | Application No. 10/540,675 | Applicant(s) KAHLMAN, JOSEPHUS A. H. M. | |
| | Examiner /Brian Young/ | Art Unit 2819 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 June 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-12 is/are allowed.
- 6) ☒ Claim(s) 13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 June 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Detailed Action

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claim 13 is rejected under 35 U.S.C. 102(b) as being anticipated by Satoh et al.

Satoh et al disclose (see fig.1) a recording medium including tracks (on disk,1) including a stream of code words, characterized in that the stream of code words comprises a first data block(see “data fields” shown DF on the "neighboring" tracks n through n+2, shown in figs.2(a)-2(c)).

Satoh et al further disclose (fig.2a-2c) “cross talk” values (see below) the value is based on a cross talk between the tracks, where the second track is adjacent to a third track which is adjacent to the first track. As shown in figures 2a-2c blocks, blocks 34B-38B represent the cross talk effects from other tracks (see below).

Satoh et al recite (col.4, lns.24-44):

“FIGS. 2(a), 2(b) and 2(c) show neighboring three tracks (No. n), (No. n+1) and (No. n+2). The first track (No. n) has three sectors S(n, m), S(n, m+1) and S(n, m+2), the second track (No. n+1) has three sectors S(n+1, m), S(n+1, m+1) and S(n+1, m+2), and the third track (No. n+2) has three sectors S(n+2, m), S(n+2, m+1) and S(n+2, m+2). The square envelopes 30A, 31A, 32A, 33A, 34A, 35A, 36A, 37A and 38A represent reproduced signals from the sector ID part

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(ID), and **the square envelopes 30B, 31B, 32B and 33B represent reproduced signals from the data field (DF)**. The square envelope 36B represents a reproduced signal of the sector $S(n+2, m)$ of the track (No. $n+2$) which is reproduced by crosstalk effect by which the laser beam for reproducing the sector $S(n+2, m)$ is affected by the sector $S(n+1, m)$. In a similar manner, the square envelopes 34B and 37B represent signals reproduced by the crosstalk effect of the sector $S(n, m+1)$, and square envelopes 35B and 38B represent signal S reproduced by the crosstalk effect of the sector $S(n, m+2)$."

3. Claims 1-12 are allowed.
4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Van Den Enden et al, Kuribayashi et al, Kanaoka et al disclose methods for reducing crosstalk in recording mediums.
5. The examiner may be reached at 572-272-1816 Mon-Fri from 8-4:30.

/Brian Young/

Primary Examiner, Art Unit 2819